

Abstract of the Disclosure

A parallel reactor system including a reactor and
vessels in the reactor for holding reaction mixtures, and a
cannula for introducing fluid reaction material into the
5 vessels. A robot system is operable to insert the cannula
into cannula passages in the reactor for delivery of
reaction materials, including slurries, to respective
vessels, and to withdraw the cannula from the cannula
passages after delivery. Related methods are also
10 disclosed.